

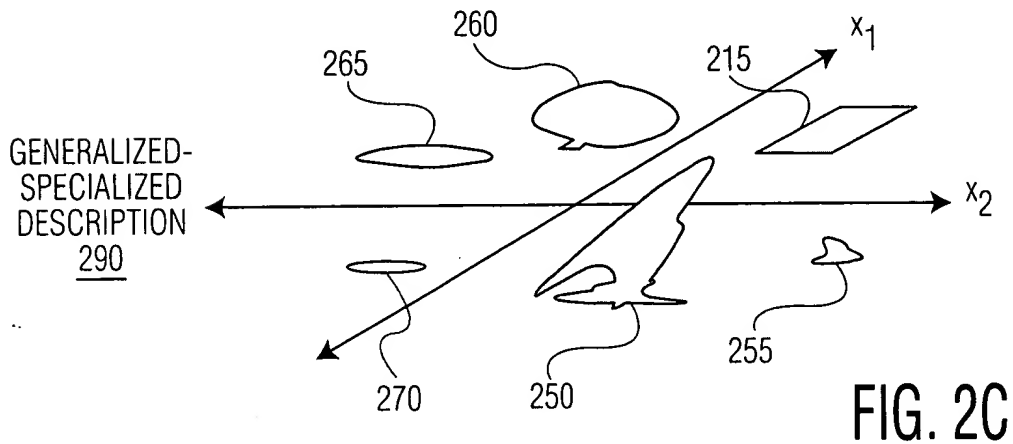
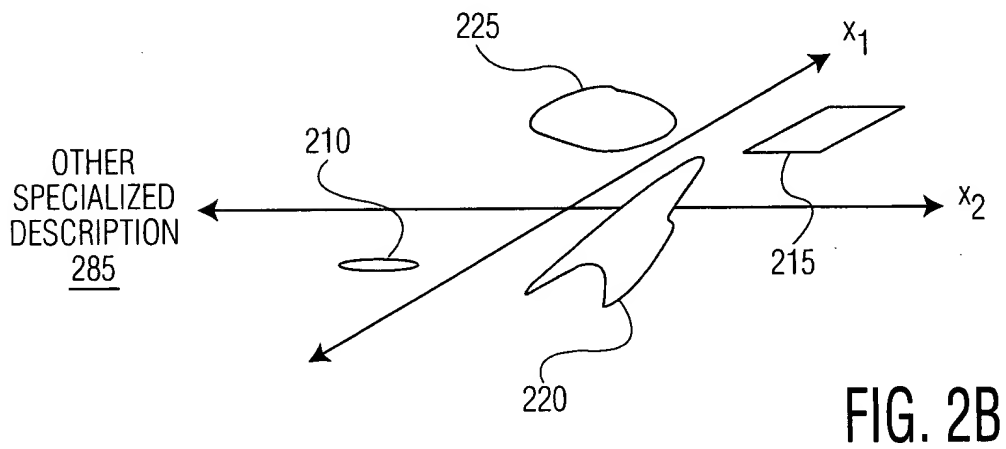
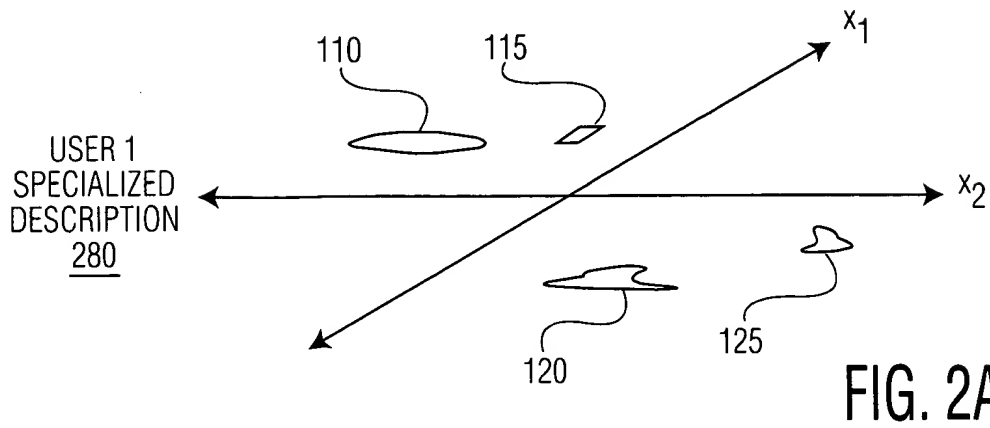
Diagram illustrating the version space of a linear classifier. The diagram shows four parallel planes in a 3D coordinate system with axes  $x_1$  and  $x_2$ .

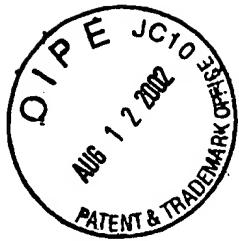
- The top plane is labeled **100** and **115**. A region on this plane is labeled **NULL**.
- The second plane is labeled **GENERALIZED DESCRIPTION 165** and **101**. It shows a cloud-like shape representing a generalized description.
- The third plane is labeled **SPECIALIZED DESCRIPTION 170** and **110**. It shows a more refined cloud-like shape representing a specialized description.
- The bottom plane is labeled **FIRST TRAINING EXAMPLE** and **130**. It shows a single point representing the first training example.
- A bracket on the right side of the planes is labeled **VERSION SPACE**, indicating the region between the planes.

FIG. 1



2/7





3/7

USER'S GENERALIZED  
DESCRIPTION 165

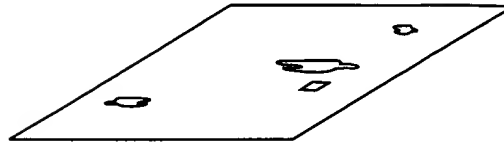


FIG. 3A

USER'S SPECIALIZED  
DESCRIPTION 170

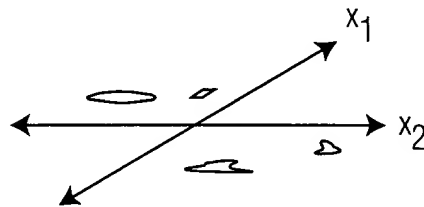


FIG. 3B

OTHER  
SPECIALIZED  
DESCRIPTION  
285

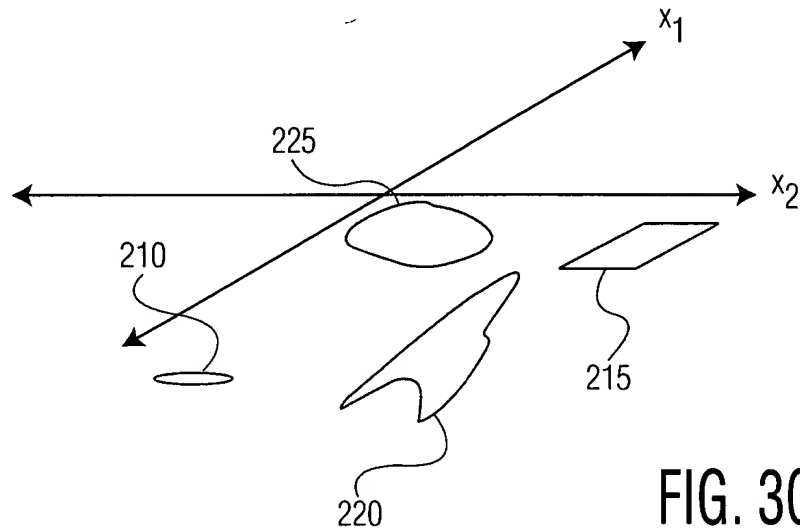
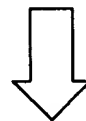


FIG. 3C



TEMPLATE FOR  
FEEDBACK  
315

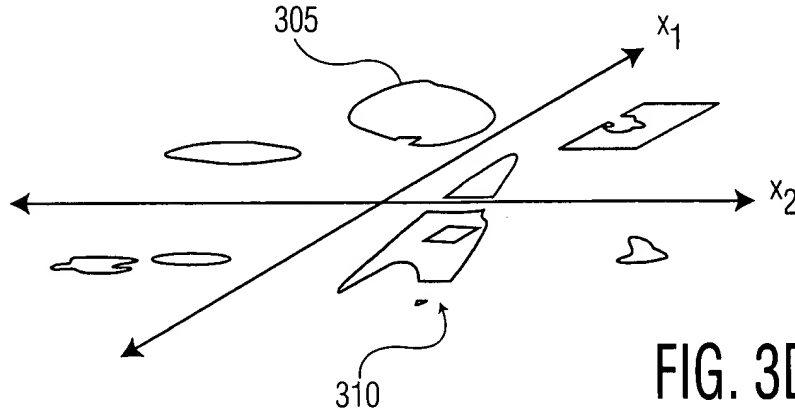
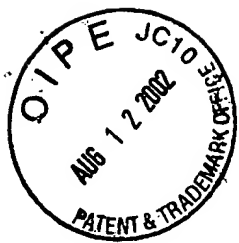
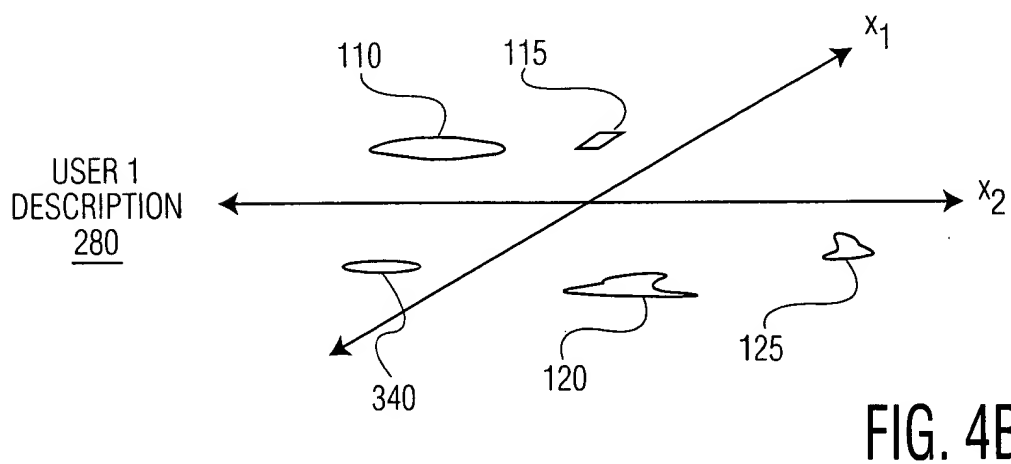
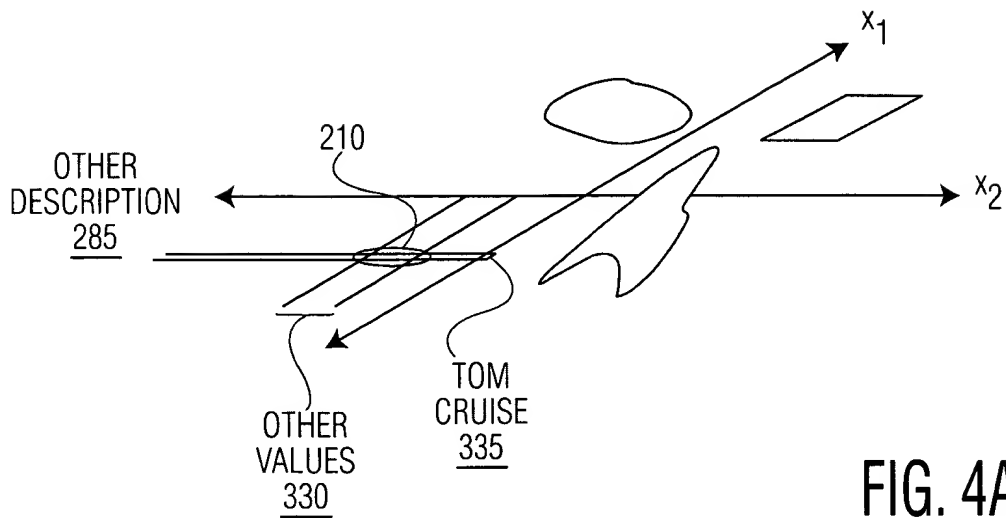


FIG. 3D



4/7





5/7

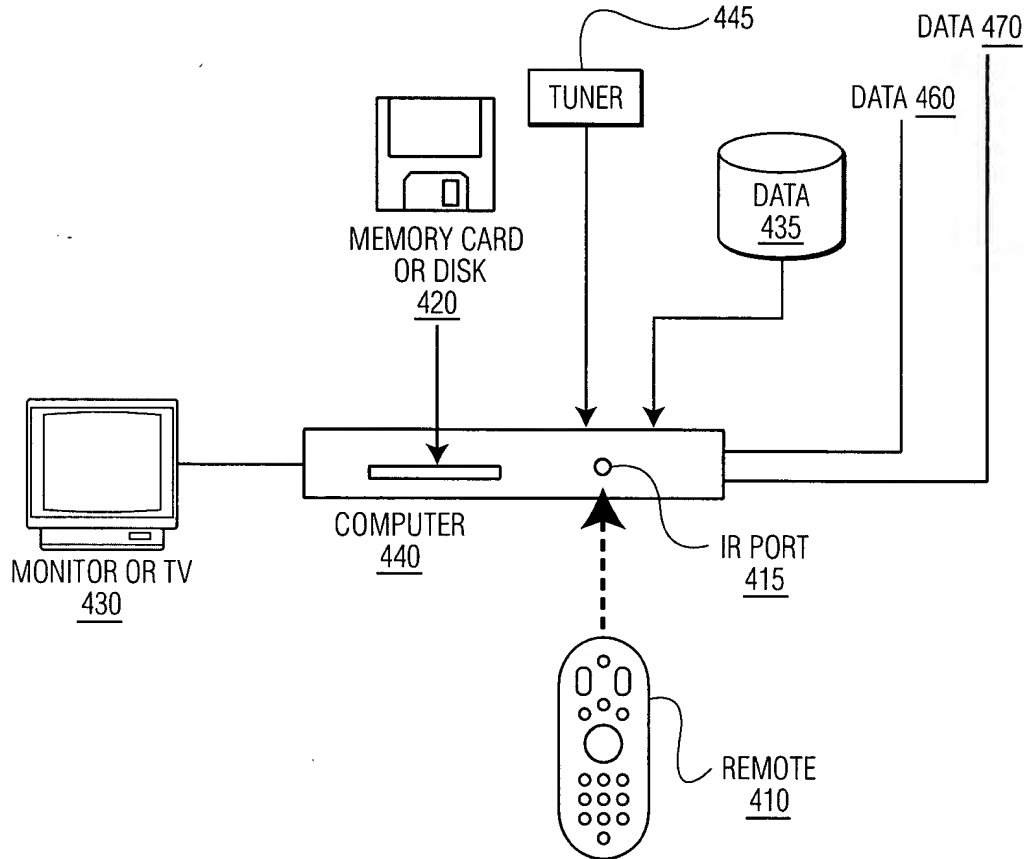
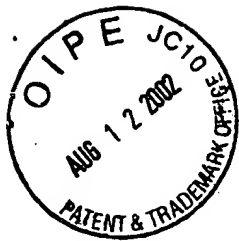


FIG. 5



6/7

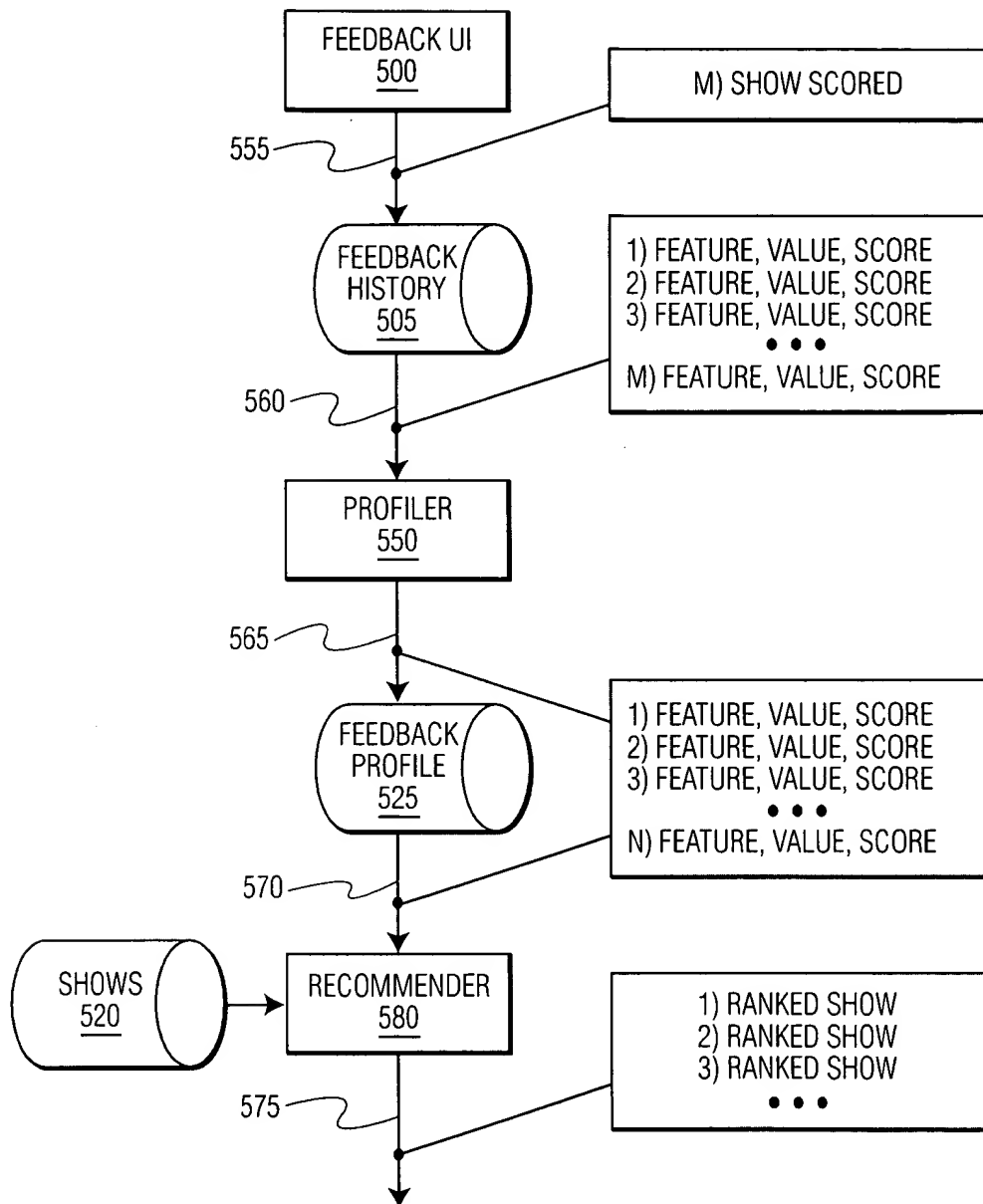
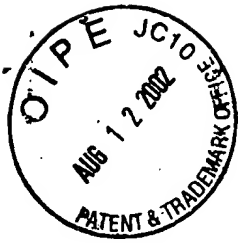


FIG. 6



7/7

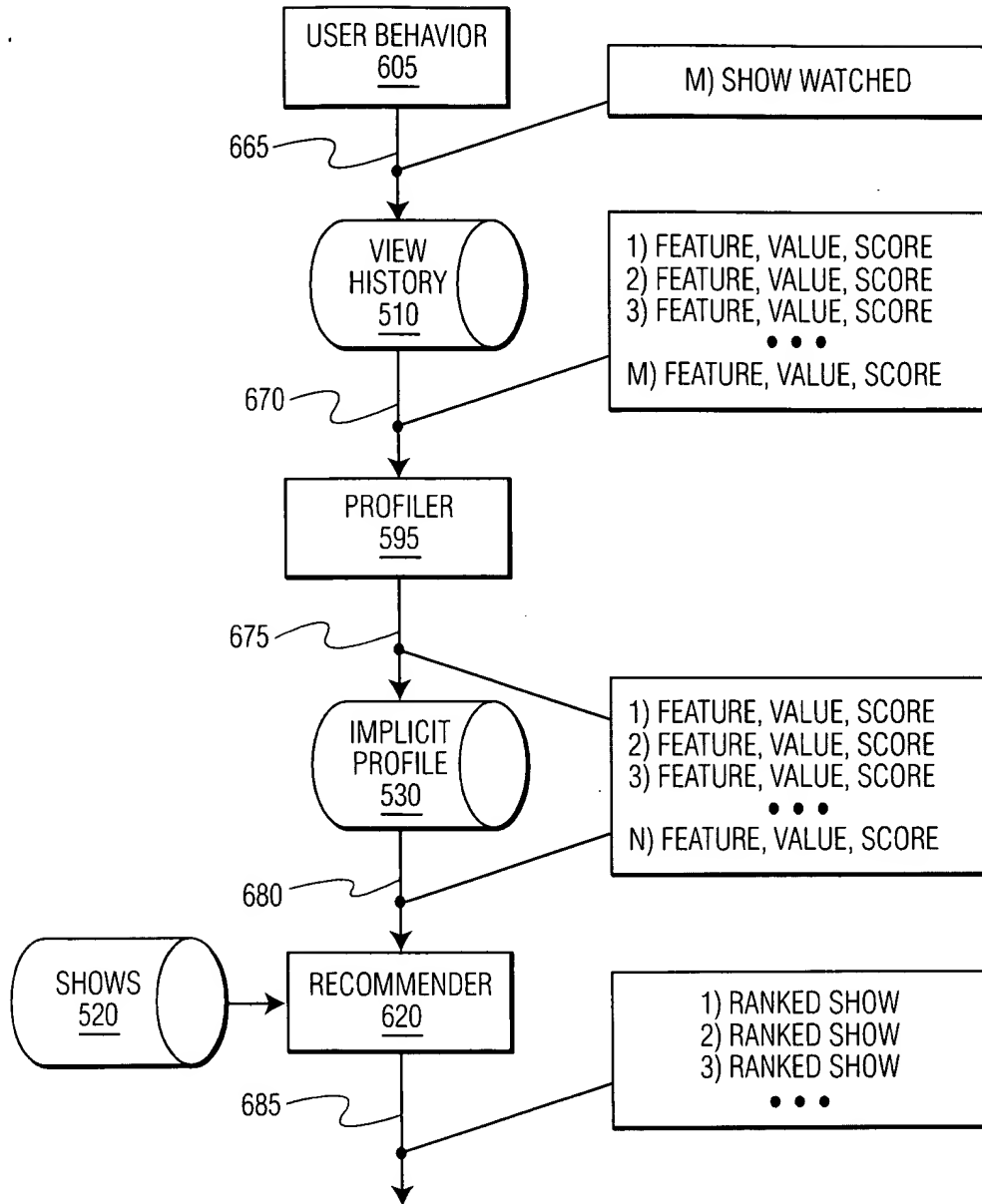


FIG. 7